

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination – Sep 2012

Time: Three Hours

Max. Marks: 80 Marks

RESEARCH METHODOLOGY & BIOSTATISTICS (RS-3 & RS-4)

Q.P. CODE: 2713

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Problems encountered by researchers in India
2. Methods of data collection in research
3. Probability and standard distribution

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Analysis of variance (ANOVA)
5. Criteria for good research
6. Basic principles of experimental design
7. Computers and researcher
8. Explain different types of sampling design
9. Techniques of developing measurement tools
10. Difference between explorative and descriptive research design
11. Statistics and health science including physiotherapy
12. Tabulation of data
13. Important scaling techniques

SHORT ANSWERS

10 x 2 = 20 Marks

14. Nominal scale
15. Median
16. Need for sampling
17. Descriptive vs Analytical research
18. Stratified sampling
19. Define research
20. Dependent vs Independent variable
21. Research problem
22. Experimental research designs
23. What is hypothesis?
